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Patent and Trademark Office
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Washington, D.C. 20231

APRIL 04, 2001

PTAS
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WASHINGTON, DC 20005-3934



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UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 01/18/2001

REEL/FRAME: 011452/0123
NUMBER OF PAGES: 3

BRIEF: MERGER (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
LIFE TECHNOLOGIES, INC.

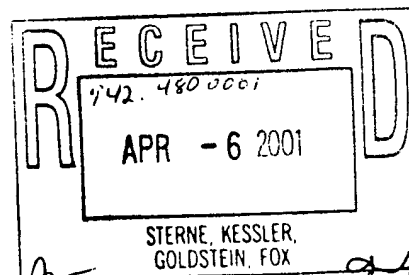
DOC DATE: 09/14/2000

ASSIGNEE:
INVITROGEN CORPORATION
1600 FARADAY AVENUE
CARLSBAD, CALIFORNIA 92008

SERIAL NUMBER: 09103577
PATENT NUMBER:

FILING DATE: 06/24/1998
ISSUE DATE:

SHARON BROOKS, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



9-13-00 12:58
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302 674 8340:2/7
NO.157 002

**CERTIFICATE OF MERGER
MERGING
LIFE TECHNOLOGIES, INC.
INTO
INVITROGEN CORPORATION**

Pursuant to Section 251 of the
General Corporation Law of Delaware

The undersigned corporation, organized and existing under and by virtue of the General Corporation Law of the State of Delaware, does hereby certify:

FIRST: That the name and state of incorporation of each of the constituent corporations of the merger is as follows:

| <u>Name</u> | <u>State of Incorporation</u> |
|-------------------------|-------------------------------|
| Life Technologies, Inc. | Delaware |
| Invitrogen Corporation | Delaware |

SECOND: That an agreement and plan of merger between the parties to the merger has been approved, adopted, certified, executed and acknowledged by each of the constituent corporations in accordance with the requirements of Section 251 of the General Corporation Law of the State of Delaware.

THIRD: That Invitrogen Corporation, a Delaware corporation, shall be the surviving corporation of the merger and its certificate of incorporation shall be the certificate of incorporation of the surviving corporation.

FOURTH: That the executed agreement and plan of merger is on file at the principal place of business of the surviving corporation. The address of the principal place of business of the surviving corporation is 1600 Faraday Avenue, Carlsbad, CA 92008.

FIFTH: That a copy of the agreement and plan of merger will be furnished by the surviving corporation, on request and without cost to any stockholder of any constituent corporation.

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SENT BY: _____

9-13-00 12:58
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SIXTH: That this Certificate of Merger shall be effective at 3:00 p.m. on
September 14, 2000.

Dated: September 13, 2000

Invitrogen Corporation,
a Delaware corporation

By: _____

Lyle C. Turner
President and CEO

ATTEST:

James R. Glynn
Executive V.P. and CFO

State of Delaware
Office of the Secretary of State PAGE 1

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"LIFE TECHNOLOGIES, INC.", A DELAWARE CORPORATION,

WITH AND INTO "INVITROGEN CORPORATION" UNDER THE NAME OF "INVITROGEN CORPORATION", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE THIRTEENTH DAY OF SEPTEMBER, A.D. 2000, AT 4:30 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF MERGER IS THE FOURTEENTH DAY OF SEPTEMBER, A.D. 2000.



A handwritten signature in cursive script, reading "Edward J. Freel".

Edward J. Freel, Secretary of State

2753431 8100M

AUTHENTICATION: 0679689

001468678

DATE: 09-18-00